

# Jae Myun Lee

## List of Publications by Year in descending order

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75  
papers

2,950  
citations

159585

30  
h-index

182427

51  
g-index

75  
all docs

75  
docs citations

75  
times ranked

5294  
citing authors

#	ARTICLE	IF	CITATIONS
1	TMED3 Complex Mediates ER Stress-Associated Secretion of CFTR, Pendrin, and SARS-CoV-2 Spike. <i>Advanced Science</i> , 2022, 9, .	11.2	10
2	Development of the H3N2 influenza microneedle vaccine for cross-protection against antigenic variants. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
3	Amelioration of SARS-CoV-2 infection by ANO6 phospholipid scramblase inhibition. <i>Cell Reports</i> , 2022, 40, 111117.	6.4	10
4	Live Vaccinia Virus-Coated Microneedle Array Patches for Smallpox Vaccination and Stockpiling. <i>Pharmaceutics</i> , 2021, 13, 209.	4.5	30
5	Specific Detection of Influenza A and B Viruses by CRISPR-Cas12a-Based Assay. <i>Biosensors</i> , 2021, 11, 88.	4.7	35
6	Ovalbumin and cholera toxin delivery to buccal mucus for immunization using microneedles and comparison of immunological response to transmucosal delivery. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1390-1400.	5.8	23
7	Cross-Protection against MERS-CoV by Prime-Boost Vaccination Using Viral Spike DNA and Protein. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
8	Safe Coated Microneedles with Reduced Puncture Occurrence after Administration. <i>Micromachines</i> , 2020, 11, 710.	2.9	17
9	Characterization of novel monoclonal antibodies against MERS-coronavirus spike protein. <i>Virus Research</i> , 2020, 278, 197863.	2.2	42
10	Development and clinical study of the use of infrared radiation to accelerate the dissolution rate of a microneedle array patch (MAP). <i>Drug Delivery and Translational Research</i> , 2020, 10, 791-800.	5.8	6
11	Microneedle Array Patch (MAP) Consisting of Crosslinked Hyaluronic Acid Nanoparticles for Processability and Sustained Release. <i>Pharmaceutical Research</i> , 2020, 37, 50.	3.5	18
12	Impact of Smoking on Human Natural Killer Cell Activity: A Large Cohort Study. <i>Journal of Cancer Prevention</i> , 2020, 25, 13-20.	2.0	13
13	Delayed-Onset Anaphylaxis Caused by IgE Response to Influenza Vaccination. <i>Allergy, Asthma and Immunology Research</i> , 2020, 12, 359.	2.9	7
14	Pharmacologic Activation of Lytic Epstein-Barr Virus Gene Expression without Virion Production. <i>Journal of Virology</i> , 2019, 93, .	3.4	9
15	Development of Botulinum Toxin A-Coated Microneedles for Treating Palmar Hyperhidrosis. <i>Molecular Pharmaceutics</i> , 2019, 16, 4913-4919.	4.6	15
16	Curcumin Treatment in Combination with Glucose Restriction Inhibits Intracellular Alkalinization and Tumor Growth in Hepatoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2375.	4.1	16
17	Development of a HA1-specific enzyme-linked immunosorbent assay against pandemic influenza virus A H1N1. <i>Clinical and Experimental Vaccine Research</i> , 2019, 8, 70.	2.2	5
18	Chitinase 3-like 1 protein plays a critical role in respiratory syncytial virus-induced airway inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 685-697.	5.7	29

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19	Activated Leukocyte Cell Adhesion Molecule Stimulates the T-Cell Response in Allergic Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 994-1008.	5.6	22
20	Human Papillomavirus 16 Oncoproteins Downregulate the Expression of miR-148a-3p, miR-190a-5p, and miR-199b-5p in Cervical Cancer. <i>BioMed Research International</i> , 2018, 2018, 1-9.	1.9	19
21	Severe Fever with Thrombocytopenia Syndrome Virus Infection, South Korea, 2010. <i>Emerging Infectious Diseases</i> , 2018, 24, 2103-2105.	4.3	54
22	Physical Inactivity and Unhealthy Metabolic Status Are Associated with Decreased Natural Killer Cell Activity. <i>Yonsei Medical Journal</i> , 2018, 59, 554.	2.2	25
23	Host Cell Mimic Polymersomes for Rapid Detection of Highly Pathogenic Influenza Virus via a Viral Fusion and Cell Entry Mechanism. <i>Advanced Functional Materials</i> , 2018, 28, 1800960.	14.9	12
24	Point-of-Care Diagnostics: Host Cell Mimic Polymersomes for Rapid Detection of Highly Pathogenic Influenza Virus via a Viral Fusion and Cell Entry Mechanism ( <i>Adv. Funct. Mater.</i> 34/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870236.	14.9	1
25	Cellular inhibitor of apoptosis protein 2 promotes the epithelial-mesenchymal transition in triple-negative breast cancer cells through activation of the AKT signaling pathway. <i>Oncotarget</i> , 2017, 8, 78781-78795.	1.8	15
26	Hepatitis C virus impairs natural killer cell activity via viral serine protease NS3. <i>PLoS ONE</i> , 2017, 12, e0175793.	2.5	12
27	Role of LOXL2 in the epithelial-mesenchymal transition and colorectal cancer metastasis. <i>Oncotarget</i> , 2017, 8, 80325-80335.	1.8	36
28	Rapid Detection of <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> Harboring blaVIM-2, blaIMP-1 and blaOXA-23 Genes by Using Loop-Mediated Isothermal Amplification Methods. <i>Annals of Laboratory Medicine</i> , 2016, 36, 15-22.	2.5	22
29	Natural killer cells in hepatitis C: Current progress. <i>World Journal of Gastroenterology</i> , 2016, 22, 1449.	3.3	47
30	Troglitazone Enhances the Apoptotic Response of DLD-1 Colon Cancer Cells to Photodynamic Therapy. <i>Yonsei Medical Journal</i> , 2016, 57, 1494.	2.2	7
31	The recent ancestry of Middle East respiratory syndrome coronavirus in Korea has been shaped by recombination. <i>Scientific Reports</i> , 2016, 6, 18825.	3.3	26
32	Serum Dickkopf-1 as a Biomarker for the Diagnosis of Hepatocellular Carcinoma. <i>Yonsei Medical Journal</i> , 2015, 56, 1296.	2.2	33
33	HA1-specific indirect ELISA for serological detection of canine influenza virus H3N2 infection in dogs. <i>Journal of Virological Methods</i> , 2015, 215-216, 9-12.	2.1	1
34	Hypermethylation of the interferon regulatory factor 5 promoter in Epstein-Barr virus-associated gastric carcinoma. <i>Journal of Microbiology</i> , 2015, 53, 70-76.	2.8	25
35	CHMP5 controls bone turnover rates by dampening NF- $\kappa$ B activity in osteoclasts. <i>Journal of Experimental Medicine</i> , 2015, 212, 1283-1301.	8.5	56
36	Targeted therapy for Epstein-Barr virus-associated gastric carcinoma using low-dose gemcitabine-induced lytic activation. <i>Oncotarget</i> , 2015, 6, 31018-31029.	1.8	23

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37	Protection of Mice Against Pandemic H1N1 Influenza Virus Challenge After Immunization with Baculovirus-Expressed Stabilizing Peptide Fusion Hemagglutinin Protein. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 280-287.	2.1	3
38	A high-throughput assay of NK cell activity in whole blood and its clinical application. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 584-590.	2.1	53
39	Loop-mediated isothermal amplification of vanA gene enables a rapid and naked-eye detection of vancomycin-resistant enterococci infection. <i>Journal of Microbiological Methods</i> , 2014, 104, 61-66.	1.6	15
40	Lysyl oxidase-like 2 (LOXL2) controls tumor-associated cell proliferation through the interaction with MARCKSL1. <i>Cellular Signalling</i> , 2014, 26, 1765-1773.	3.6	29
41	Usefulness of impulse oscillometry and fractional exhaled nitric oxide in children with Eosinophilic bronchitis. <i>Pediatric Pulmonology</i> , 2013, 48, 221-228.	2.0	17
42	Reactive Oxygen Species Induce Antiviral Innate Immune Response through IFN- $\lambda$ Regulation in Human Nasal Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 855-865.	2.9	100
43	LOXL2 expression is associated with invasiveness and negatively influences survival in breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2013, 141, 89-99.	2.5	73
44	Zinc inhibits osteoclast differentiation by suppression of Ca <sup>2+</sup> -Calcineurin-NFATc1 signaling pathway. <i>Cell Communication and Signaling</i> , 2013, 11, 74.	6.5	67
45	Reduction of the CD16 <sup>+</sup> CD56 <sup>bright</sup> NK Cell Subset Precedes NK Cell Dysfunction in Prostate Cancer. <i>PLoS ONE</i> , 2013, 8, e78049.	2.5	59
46	Risk factors affecting seroconversion after influenza A/H1N1 vaccination in hemodialysis patients. <i>BMC Nephrology</i> , 2012, 13, 165.	1.8	21
47	Expression of Epstein-Barr Virus Gene and Clonality of Infiltrated T Lymphocytes in Epstein-Barr Virus-associated Gastric Carcinoma. <i>Immune Network</i> , 2011, 11, 50.	3.6	12
48	Cell-to-Cell Contact with Hepatitis C Virus-Infected Cells Reduces Functional Capacity of Natural Killer Cells. <i>Journal of Virology</i> , 2011, 85, 12557-12569.	3.4	55
49	MicroRNA-494 Downregulates KIT and Inhibits Gastrointestinal Stromal Tumor Cell Proliferation. <i>Clinical Cancer Research</i> , 2011, 17, 7584-7594.	7.0	99
50	Impact of Hepatitis B Virus (HBV) X Gene Mutations on Hepatocellular Carcinoma Development in Chronic HBV Infection. <i>Vaccine Journal</i> , 2011, 18, 914-921.	3.1	49
51	MRP1 Polymorphisms Associated With Citalopram Response in Patients With Major Depression. <i>Journal of Clinical Psychopharmacology</i> , 2010, 30, 116-125.	1.4	35
52	Epigallocatechin-3-Gallate, a Histone Acetyltransferase Inhibitor, Inhibits EBV-Induced B Lymphocyte Transformation via Suppression of RelA Acetylation. <i>Cancer Research</i> , 2009, 69, 583-592.	0.9	331
53	Gallic Acid Suppresses Lipopolysaccharide-Induced Nuclear Factor- $\kappa$ B Signaling by Preventing RelA Acetylation in A549 Lung Cancer Cells. <i>Molecular Cancer Research</i> , 2009, 7, 2011-2021.	3.4	142
54	In vivo magnetic resonance imaging of injected mesenchymal stem cells in rat myocardial infarction; simultaneous cell tracking and left ventricular function measurement. <i>International Journal of Cardiovascular Imaging</i> , 2009, 25, 99-109.	1.5	31

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55	Role of reactive oxygen species-mediated mitochondrial dysregulation in 3-bromopyruvate induced cell death in hepatoma cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2008, 40, 607-618.	2.3	88
56	Amino acid sequence motifs for PKC-mediated membrane trafficking of the inhibitory killer Ig-like receptor. <i>Immunology and Cell Biology</i> , 2008, 86, 372-380.	2.3	10
57	Development of Monoclonal Antibodies Against Human IRF-5 and Their Use in Identifying the Binding of IRF-5 to Nuclear Import Proteins Karyopherin- $\beta$ 1 and - $\beta$ 2. <i>Yonsei Medical Journal</i> , 2008, 49, 1023.	2.2	5
58	Manipulation of the Toll-Like Receptor 7 Signaling Pathway by Epstein-Barr Virus. <i>Journal of Virology</i> , 2007, 81, 9748-9758.	3.4	109
59	Expression of Viral MicroRNAs in Epstein-Barr Virus-Associated Gastric Carcinoma. <i>Journal of Virology</i> , 2007, 81, 1033-1036.	3.4	152
60	Activation-induced upregulation of inhibitory killer Ig-like receptors is regulated by protein kinase C. <i>Immunology and Cell Biology</i> , 2007, 85, 220-228.	2.3	9
61	Association of Interleukin-10 Gene Promoter Polymorphism in Children with Atopic Dermatitis. <i>Journal of Pediatrics</i> , 2007, 150, 106-108.	1.8	38
62	The interaction of hepatitis B virus X protein and protein phosphatase type 2 C $\pm$ and its effect on IL-6. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 253-258.	2.1	20
63	RASSF1A hypermethylation and its inverse correlation with BRAF and/or KRAS mutations in MSI-associated endometrial carcinoma. <i>International Journal of Cancer</i> , 2006, 119, 1316-1321.	5.1	35
64	Stabilizing Peptide Fusion for Solving the Stability and Solubility Problems of Therapeutic Proteins. <i>Pharmaceutical Research</i> , 2005, 22, 1735-1746.	3.5	35
65	Induction of cell death by photodynamic therapy with a new synthetic photosensitizer DH-I-180-3 in undifferentiated and differentiated 3T3-L1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 1059-1064.	2.1	8
66	Inhibition of Epstein-Barr virus-induced growth proliferation by a nuclear antigen EBNA2-TAT peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4625-4630.	7.1	59
67	EBNA2 Is Required for Protection of Latently Epstein-Barr Virus-Infected B Cells against Specific Apoptotic Stimuli. <i>Journal of Virology</i> , 2004, 78, 12694-12697.	3.4	35
68	Cisplatin-induced apoptosis in Hep3B cells: mitochondria-dependent and -independent pathways. <i>Biochemical Pharmacology</i> , 2004, 67, 1459-1468.	4.4	40
69	Analysis of gene expression profiles of hepatocellular carcinomas with regard to 18F-fluorodeoxyglucose uptake pattern on positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 1621-1630.	6.4	79
70	Hepatitis B virus X protein modulates peroxisome proliferator-activated receptor $\beta$ 3 through protein-protein interaction. <i>FEBS Letters</i> , 2004, 557, 73-80.	2.8	27
71	Epstein-Barr virus EBNA2 blocks Nur77-mediated apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11878-11883.	7.1	86
72	Linkage between STAT Regulation and Epstein-Barr Virus Gene Expression in Tumors. <i>Journal of Virology</i> , 2001, 75, 2929-2937.	3.4	132

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73	Molecular analysis of HLA-DR gene expression induced by IFN-gamma in malignant melanoma cell lines. Yonsei Medical Journal, 1999, 40, 30.	2.2	5
74	Induction of ICAM-1 and HLA-DR expression by IFN- $\gamma$ in malignant melanoma cell lines. Yonsei Medical Journal, 1995, 36, 15.	2.2	8
75	Regulation of <i>HK2</i> expression through alterations in CpG methylation of the <i>HK2</i> promoter during progression of hepatocellular carcinoma. Oncotarget, 0, 7, 41798-41810.	1.8	43